

Date: Sun, 19 Dec 93 04:30:16 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #151
To: Ham-Digital

Ham-Digital Digest Sun, 19 Dec 93 Volume 93 : Issue 151

Today's Topics:

 BAYCOM TNC DRIVER for UNIX?
 Gateways
 Help needed w/MFJ1278 multigray fax
 Packet with a motorola GM-300
 PK-88 vs KPC-3 vs DPK-2
 Request info on Packet
 specs for TCM3105 or similar AM chip please?
 tcp-group@ucsd.edu
 TNC for CB Frequencies

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 16 DEC 93 21:35:56 EST
From: noc.near.net!news.delphi.com!usenet@uunet.uu.net
Subject: BAYCOM TNC DRIVER for UNIX?
To: ham-digital@ucsd.edu

Does anyone have a source C available for the Baycom Packet Modem?
I would like to compile one to run in the background on my
ATT 3B2 Unix Box. Any suggestions on how the DOS L2
Program works that comes with baycom?
TGOODIN @ DELPHI.COM
KD4OFO @ W4NJA

Date: 18 Dec 93 22:10:45 GMT
From: ogicse!emory!europa.eng.gtefsd.com!gatech!mailer.acns.fsu.edu!
freenet2.scri.fsu.edu!twright@network.ucsd.edu
Subject: Gateways
To: ham-digital@ucsd.edu

Some local Hams in the Morehead Ky area have expressed that they would like to have the local University set up a Packet/Internet Gateway to they would be able to FTP and do some other connections.

This area is hard pressed by not having a local Digipeter to connect to. The closes ones are in Lexington Ky Berea Ky Ashland, Ky and Cinn. Ohio. All takes humungus power requirements to connect to and the gateway appears to be the best approach.
We are looking for positive reasons/arguments or other positive remarks to take to the University to persuade <sp> them to create one. It will be for registered/confirmed Amateur radio ops and will have good security in place.
Your positive remarks will be reviewed and the negitive ones defaulted to the /del/null.
Please reply to the following addresses:

T.Wright@msuacad.morehead-st.edu
twright@freenet.fsu.edu
ar098@yfn.ysu.edu
the latter 2 will auto forward to the Morehead account

Thankyou

Tim Wright KD40VM
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Date: Thu, 16 Dec 1993 14:50:41 GMT
From: murphy.com!jpradley!grumpy@uunet.uu.net
Subject: Help needed w/MFJ1278 multigray fax
To: ham-digital@ucsd.edu

As the subject line says...

I am trying to write some code to display multigray faxes from an MFJ1278. According to the manual, recieved bytes = 'p', 'q', or 'r' are sync pulses; all others contain data. When I turn MULTIFAX ON, I seem to get an inordinate number of syncs and not much data. Before you even think it... yes, the signal is tuned correctly, since if I turn MULTIFAX OFF and otherwise leave the system untouched I get nice monochrome faxes...

Any hints/kinks/info would be greatly appreciated...

Thanks,

Jeff Markel

Jeffrey Markel | uucp: jpradley!argos!markel | Argos Computer Systems Inc
KD2HN | internet: grumpy@jpradley.jpr.com | 110 W. 32nd Street
(212)594-5400 | amprnet: kd2hn@kd2hn.ampr.org | New York, NY 10001

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The New World Order is ... "Shoot to kill!"

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Date: 16 Dec 1993 12:19:54 GMT
From: kb2ear.ampr.org!kb2ear!kb2ear@princeton.edu
Subject: Packet with a motorola GM-300
To: ham-digital@ucsd.edu

This connector is used for programing the radio. There is no way to use it like a TNC.. Sorry

73,

--

Scott R. Weis KB2EAR
Internet: kb2ear@kb2ear.ampr.org
Snail Mail: 10 Palmer Rd., Kendall Park, NJ, 08824-1228
Phone: +1 908 297 0469

Date: Thu, 16 Dec 1993 00:50:53 GMT
From: munnari.oz.au!sgiblab!swrinde!cs.utexas.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: PK-88 vs KPC-3 vs DPK-2
To: ham-digital@ucsd.edu

In article <wb6wCI2Eyn.6tJ@netcom.com> wb6w@netcom.com (Glenn Thomas) writes:
>In addition to others comments, the MFJ 1270B has VERY poor front end
>(audio) selectivity, especially when compared with the MFJ 1270. The
>1270 (if you can find one) has a switched capacitor filter that serves
>to filter out much crud. The 1270B has only a very simple RC filter.
>I found that my old 1270 ran RINGS around a brand new 1270B.

The removal of the MF10 was a TAPR recommended fix for all their clones. The MF10 introduced tone twists that, when coupled with

the de-emphasis in many ham FM rigs, resulted in many missed packets. Since the detector is a PLL, it acts as it's own filter and the MF10 wasn't accomplishing anything useful anyway. If you're getting more errors without the MF10, then the 6 db of twist it introduced must have been working in your favor with your particular setup. That's not the typical case.

>By the by, since the test mentioned above, my 1270B has been modified
>to run 9600 baud, which is does. The only problem is that the kiss-mode
>parameters seem to change themselves at random. I've tried to call the
>MFJ tech info number but get nothing but a busy signal. It's quite
>annoying to have my TXD, slot and persistance parameters being
>jangled all the time...

This is a "feature" of one release of the TAPR firmware. The KISS parameters are reset to their default after X minutes of inactivity. Swap in either earlier or newer firmware and this will go away. Better, just install the K3MC KISS only firmware and forget about it. It's more robust, and you don't have to worry about having a battery in the TNC to save settings.

Gary

--
Gary Coffman KE4ZV | I kill you, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | You kill me, | uunet!rsiatl!ke4zv!gary
534 Shannon Way | We're the Manson Family | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | -sorry Barney |

Date: Fri, 17 Dec 1993 17:14:06 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: Request info on Packet
To: ham-digital@ucsd.edu

In article <2eo7hn\$6ph@uplherc.upl.com>, robertm@uplherc.upl.com wrote:

>
> Hello,
>
> I live in Portland, OR. I was wondering if there is anyone in my area
> that is using packet radio and might be able to give me a few pointers
> on how to get started and what is required. .. some deleted.....
>
> Rob Mohr

Rob:

Suggest you pick up one of the books on packet. ARRL has one, "Your Packet Companion", and there are 4-5 more. That one is only about \$8 and will be something you can reference as you go along.

Milt

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Opinions, thoughts, &cetera are my own (when I can remember them).

"He flies the sky
Like an Eagle in the eye
of a hurricane that's abandoned."

KB7MSF
UTAH

America

Date: Wed, 15 Dec 1993 20:01:44 GMT
From: boulder!cnsnews!spot.Colorado.EDU!koberg@uunet.uu.net
Subject: specs for TCM3105 or similar AM chip please?
To: ham-digital@ucsd.edu

I've built my baycom modem (using the TCM3105). It's working okay though I need to get the right xtal for transmitting. What I'm interested in is finding out more about the TCM3105 chip itself so I might build my own design sometime. Also, I hear about a chip, the AM...7910 maybe? that does the same thing.

Does TI or whoever makes the AM chip (AMD?) provide spec sheets free for these, and if so, could I get some fax numbers for them? Or, if anyone HAS the spec sheets and it's not illegal, maybe they could fax them to me (collect call).

Thanks.

Or heck, if someone could just tell me what each of the pins on the chip is used for (I know what most of them are) and some normal wiring for each setup.

koberg@spot.colorado.edu

Date: Wed, 15 Dec 1993 16:09:23 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!avdms8.msfc.nasa.gov!

sol.ctr.columbia.edu!math.ohio-state.edu!cs.utexas.edu!gerald@cc.utexas.edu!
portal.austin.ibm.com!awdprime.@@nntp.ucsb.edu
Subject: tcp-group@ucsd.edu
To: ham-digital@ucsd.edu

ucsd.edu:mailarchives/tcp-group/*

Format is Vyy.ddd.Z for digests, Vyy/* for "super-mbox" before digests.

milton

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Milton Miller KB5TKF miltonm@austin.ibm.com
I never speak for IBM.

Date: 19 Dec 93 20:55:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: TNC for CB Frequencies
To: ham-digital@ucsd.edu

I would like to know if it is possible to use a TNC on a CB Radio. In our country we have access to channels 19-27 on CB Sets. I would like to know if there are TNC'S Available that would work on these frequencies using KISS mode with KA9Q. If so where could I obtain one Perhaps a schematic or kit, And what would that cost me.

Thanks In Anticipation.

Please reply to : andrew@andy.proxima.alt.za

Andrew Cameron
Internet: andrew@andy.proxima.alt.za
X.400: /G=Andrew/S=Cameron/A=Telkom400/C=ZA

End of Ham-Digital Digest V93 #151

